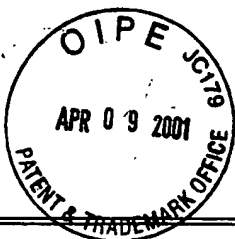


[illegible]



154	1A8	Liu, Y.Y. et al., "Expression of an Anti-CD3 single-Chain Immunotoxin with a Truncated Diphtheria Toxin in a Mutant CHO Cell Line," <i>Protein Expression and Purification</i> 19:304-311 (2000)
EXAMINER: Euddt		DATE CONSIDERED: 5/5/03
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		



RECEIVED

APR 12 2001

TECH CENTER 1600/2900

14028.02842

TORNEY DOCKET NO. 14028.0284

SERIAL NO. 097064,413

Page 1 of 4

09/810,999

1644

Form PTO-1449  
U.S. DEPARTMENT OF COMMERCE (Rev. 7-80)  
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.: 14028.0284

SERIAL NO. 097064,413

APPLICANT: Neville et al.

LIST OF PRIOR ART CITED BY APPLICANT  
(Use several sheets if necessary)

FILING DATE: April 22, 1998

GROUP: 484

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BSL	1	5,167,956	12/1/92	Neville, Jr., D.M.	424	85.1	
	2	5,725,857	3/10/98	Neville, Jr., D.M.	424	183.1	

## FOREIGN PATENT DOCUMENTS

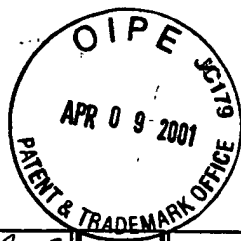
	3	0306 943	08/09/88	Sivam			
	4	WO9213562	08/20/92	(The Secretary, US Dept of Commerce)			
	5	WO8400382A	02/02/94	(The Secretary, US Dept of Commerce)			
	6	EP0616034A	09/21/94	(American Cyanamid Company)			
	7	WO9113157	09/06/92	Commonwealth Scientific and Industrial Research Organization			
	8	WO9632137	10/17/96	The Government of the United States of America			
	9	WO9213562	08/20/92	The United States of America, US Dept of Commerce			
	10	EP 0 332 174A	03/08/89	The University of Wyoming			
	11	WO9533481	12/04/95	President and Fellows of Harvard College			
	12	WO9315113	08/05/93	Tanox Biosystems, Inc.			
	13	WO8702987	05/21/87	John R. Murphy			
	14	WO9632137	10/17/96	The Government of the United States of America			
	15	WO9839363	09/11/98	The Government of the United States of America			
	16	WO9839425	09/11/98	The Government of the United States of America			
BSL	17	DE4024187A1	07/30/90	Gesellschaft für Biotechnologische Forschung GMBH			



RECEIVED 14028.028402  
ATTORNEY DOCKET NO. 14028.0284  
SERIAL NO. 09/064,413  
JUL 16 2001  
Page 2 of 4  
TECH CENTER 1600/2900

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

18	Barber, W.H. et al. <i>Transplantation</i> (1991) 51:70-75, January	
19	Barr et al. <i>Science</i> (1991) 254:1507-1509	RECEIVED
20	Behara et al. <i>The FASEB Journal</i> (1992) 6:2853-2858	
21	Billingham et al. <i>Nature</i> (1953) 172:603-606	APR 12 2001
22	Blazar, B.R. et al. <i>J. Immunol.</i> (1991) 147:1492-1503, September	
23	Brent et al. <i>Nature</i> (1962) 196:1298-1301	TECH CENTER 1600/2900
24	Caves et al. <i>Transplantation</i> (1973) 16:252-256	
25	Coffin, J.C. <i>Science</i> (1992) 255:411-413, January	
26	Contreas et al. <i>Transplantation</i> (1998) 65(9):1159-1169	
27	DeWet et al. <i>Moll. Cell. Biol.</i> (1987) 7:725-737	
28	Fabre et al. <i>Transplantation</i> (1972) 14:608-617	
29	French et al. <i>The Lancet</i> (1969) 1103-1106	
30	Gould et al. <i>J. Natl. Cancer Inst.</i> (1989) 81:775-781, May 22	
31	Gowland, G. <i>Brit Med. Bull.</i> (1965) 21:123-128	
32	Greenfield et al. <i>Science</i> (1987) 238:536-539	
33	Henretta et al. <i>Transplantation Proceedings</i> (1994) 26: 1138-1139	
34	Hertler et al. <i>J. Biol. Response Mod.</i> (1988) 7:97-113	
35	Hirsch et al. <i>Transplantation</i> (1990) 49(6):1117-1123, June	
36	Hoffman, M. <i>Science</i> (1991) 254:1455-1456	
37	Hu et al. <i>Cellular Immunology</i> (1997) 177:26-34	
38	Hullett et al. <i>Transplantation Proceedings</i> (1993) 25(1):756-757	
39	Izquierdo et al. <i>Int. J. Cancer</i> (1989) 43:697-702	
40	Janeway, C. <i>Nature</i> (1991) 349:459-461	
41	Johnson et al. <i>J. Neurosurg.</i> (1989) 70:240	
42	Johnson et al. <i>J. Biol. Chem.</i> (1988) 263(3):1295-1300	
43	Kamada et al. <i>Transplantation</i> (1981) 13:837-841	
44	Kamada et al. <i>Immunology Today</i> (1985) 6:336-342	
45	Kappler et al. <i>Science</i> (1989) 244:811-813, May 19	
46	Knechtle et al. <i>Transplantation</i> (1994) 57:990-996	
47	Knechtle et al. <i>Transplantation</i> (1997) 63:1-6	
48	Koehler et al. <i>Bone Marrow Transplantation</i> (1994) 13:571-575	
49	Laurence et al. <i>Nature</i> (1992) 358:255-259, July	
50	Little et al. <i>Transplantation</i> (1975) 19:53-59	
51	Lu et al. <i>J. Am. Soc. Nephrol.</i> (1993) 4:1239-1256	
52	Madsen et al. <i>Nature</i> (1988) 332:161-164	
53	Marsh & Neville <i>Biochem.</i> (1986) 25(15):4461-4467	
54	Mellor et al. <i>Cell</i> (1984) 36:139-144	
55	Moller et al. <i>J. Clin. Invest.</i> (1988) 82:1183-1191	
56	Murphy et al. <i>Science</i> (1990) 250:1720-1723	



RECEIVED 14028.02842  
ATTORNEY DOCKET NO. 14028-0284  
JUL 16 SERIAL NO. 00/064,413  
Page 3 of 4  
TECH CENTER 1600/2900

57	Myers et al. <i>J. Immunol. Meth.</i> (1989) 121:129-142
58	Nemoto et al. <i>Agents Action</i> (1992) 36:306-311
59	Neville et al. <i>Proc. Natl. Acad. Sci. USA</i> (1992) 89:2585-2589
60	Neville & Marsh, Frankel ed. <i>Immunotoxins</i> Kluwer Academic Publishers, Chapter 21. methods for quantifying Immunotoxin Efficacy, (1988) 393-404
61	Neville et al. <i>J. Controlled Release</i> (1993) 24(1-3):133-144, May
62	Neville in <i>CRC Crit. Rev. in Therap. Drug Carrier Syst.</i> , CRC Press Inc., (1986) 2(4):329-352
63	Neville et al. <i>J. Biol. Chem.</i> (1989) 264(25):14653-14661
64	Neville & Hudson <i>Ann. Rev. Biochem.</i> (1986) 55:195-224
65	Neville et al. <i>J. Immunotherapy</i> (1996) 19(2):85-92
66	Nooij et al. <i>Eur. J. Immunol.</i> (1986) 16:975-979
67	Nooij & Jonker <i>Eur. J. Immunol.</i> (1987) 17:1089-1093
68	Ohzato et al. <i>Transplantation Proceedings</i> (1993) 25:297-298
69	Oksenberg et al. <i>Nature</i> (1993) 362:68-70, March
70	Oluwole et al. <i>Transplantation Immunity and GVH Disease II Abstract 2723 FASEB</i> (1992)
71	Oluwole et al. <i>Transplantation Proceedings</i> (1993) 25(1):299-300
72	Osband et al. <i>Immunology Today</i> (1990) 11(6):193-195
73	Parlevliet et al. <i>Transplantation</i> (1990) 50:889-892, November
74	Parren et al. <i>Res. Immunol.</i> (1992) 142:749763
75	Pastan et al. <i>Science</i> (1991) 254:1173-1177, November 22
76	Pearson, T.C. et al. <i>Transplantation</i> (1992) 54:475-483, September
77	Plückthun & Pack <i>Immunotechnology</i> (1997) 3:83-105
78	Posselt et al. <i>Science</i> (1990) 249:1293-1295
79	Posselt et al. <i>Diabetes</i> (1992) 41:771-775
80	Priestley et al. <i>Transplantation</i> (1989) 48:1031-1038
81	Rada et al. <i>Proc. Natl. Acad. Sci. USA</i> (1990) 87:2167-2171
82	Ralston et al. <i>J. Cell Biol.</i> (1989) 109:2345-2352
83	Remuzzi et al. <i>Lancet</i> (1991) 337:750-752
84	Ricordi et al. <i>Transplantation Proceedings</i> (1997) 29:2240
85	Rilo et al. <i>Transplantation Proceedings</i> (1995) 27:3162-3163
86	Rostaing-Capaillon and Casellas <i>Cancer Res.</i> (1990) 50:2909-2916, May 15
87	Salmeron et al. <i>J. of Immunol.</i> (1991) 147(9):3045-3052, November 1
88	Schaffar et al. <i>Cellular Immun.</i> (1988) 116:52-59
89	Shalaby et al. <i>J. Exp. Med.</i> (1992) 175:217-225
90	Shapiro et al. <i>Proc. Soc. Exp. Biol.</i> (1961) 106:472-475
91	Shu et al. <i>PNAS</i> (1993) 9:7995-7999
92	Stuart et al. <i>Science</i> (1968) 160:1463-1465
93	Sumimoto et al. <i>Transplantation</i> (1990) 50:678-682
94	Thomas et al. <i>Transplantation</i> (1994) 57:101-115
95	Thomas et al. <i>Transplantation</i> (1997) 64: 124
96	Thomas et al. <i>Transplantation Proceedings</i> (1995) 27: 3167



RECEIVED 028462  
ATTORNEY DOCKET NO. 44028-0284  
SERIAL NO. 09/064,413  
JUL 16 2001  
Page 4 of 4  
TECH CENTER 1600/2900

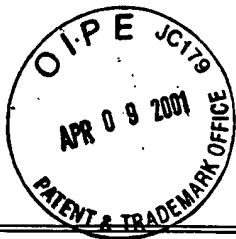
97	Thompson et al. <i>J. Biol. Chem.</i> (1995) 270(47):28037-28041, November 24
98	Thorpe et al. <i>J. Nat'l Cancer Inst.</i> (1985) 75(1):151-159, July
99	Urban et al. <i>Cell</i> (1988) 54:577-592, August 12
100	Vitetta et al. <i>Cancer Res.</i> (1991) 51:4052-4053, August 1
101	Waldmann, T. <i>Science</i> (1991) 252:1657-1662
102	Waldmann, H. et al. <i>TIPS</i> (1993) 14:143-148, May
103	Whitlow & Filupa <i>Methods</i> (1991) 2 (2):97-105
104	Wilson et al., <i>Transplantation</i> (1969) 7:360-371
105	Wood et al. <i>Transplantation</i> (1985) 39:56-62
106	Wray et al. <i>Transplantation</i> (1992) 52:167-174
107	Yamaguchi et al. <i>Transplant. Proc.</i> (1989) 21:3555
108	Yasumura et al. <i>Transplantation</i> (1983) 36:603-609
109	Youle & Colombatti <i>J. Biol. Chem.</i> (1987) 262:4676-4682 April 5
110	Youle & Neville <i>J. Biol. Chem.</i> (1982) 257:1598-1601, February 25
111	Youle et al. <i>Cell</i> (1981) 23:551-558, February
112	zur Hausen <i>Science</i> (1992) 254:1167-1172, November 22

EXAMINER: E. W. C. L. DATE CONSIDERED: 5/5/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

120175





14028.028442  
ATTORNEY DOCKET NO. ~~14028.0284~~  
SERIAL NO. ~~09/064,413~~  
Page 1 of 1

14028.028442

09/810,999  
*Amended*

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 7-80) PATENT AND TRADEMARK OFFICE  LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)		ATTORNEY DOCKET NO.: <del>14028.0284</del>				SERIAL NO. <del>09/064,413</del>	
		APPLICANT: Neville et al.					
		FILING DATE: April 22, 1998 <i>March 16, 2001</i>				GROUP: 1644	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>R22</i>	1A	Jost, Caroline R. et al., J. Biol. Chem. (1994) 269(42):26267-26273, October 21					
EXAMINER: <i>Fudd</i>		DATE CONSIDERED: <i>5/5/03</i>					
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							





14628.028442  
ATTORNEY DOCKET NO. ~~14628.0284~~  
SERIAL NO. ~~09/064,413~~  
Page 1 of 1

14628.028442  
09/810,999

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 7-80) PATENT AND TRADEMARK OFFICE  LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)	ATTORNEY DOCKET NO.: <del>14028.0284</del>	SERIAL NO. <del>09/064,413</del>
	APPLICANT: Neville et al.	
	FILING DATE: <del>April 22, 1998</del> March 16, 2001	GROUP: <del>4643</del> 1124

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS


OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>882</i>	A1	Bach, J. "Immunosuppressive Therapy of Autoimmune Diseases" <i>Trends Pharm Sci.</i> 14(5):213-216 (May 1993).
<i>1</i>	A2	Vallera, et al. "Anti-CD3 Immunotoxin Prevents Low-Dose STZ/Interferon-Induced Autoimmune Diabetes in Mouse" <i>Diabetes</i> 41:457-464 (April 1992).
<i>1</i>	A3	Herold et al. "Prevention of Autoimmune Diabetes With Nonactivating Anti-CD3 Monoclonal Antibody" <i>Diabetes</i> 41(3):385-391 (March 1992).

EXAMINER:

*E. W. S. S.*

DATE CONSIDERED:

*5/5/03*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.







14028.028442  
ATTORNEY DOCKET NO. 14028.0284  
SERIAL NO. 09/064,413  
Page 1 of 1

09/810, 999  
~~14028.028442~~

14028.028442

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 7-80) PATENT AND TRADEMARK OFFICE		ATTORNEY DOCKET NO.: 14028.0284		SERIAL NO. 09/064,413	
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT: Neville et al.			
		FILING DATE: April 22, 1998 <i>March 16, 2001</i>		GROUP: 1643-1644	
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS SUBCLASS FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS					
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)					
<i>EW</i>	1	Ma, et al. Expression and Characterization of a Divalent Chimeric Anti-Human CD3 Single Chain Antibody Scand. J. Immunol. 43, 134-139, 1996			
EXAMINER: <i>EW</i>		DATE CONSIDERED: <i>5/5/03</i>			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					



COPY OF PAPERS  
ORIGINALLY FILED

RECEIVED

MAR 05 2002

TECH CENTER 1600/2900

ATTORNEY DOCKET NO. 14028.0284U2

SERIAL NO. 09/810,999

Page 1 of 1

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 7-80) PATENT AND TRADEMARK OFFICE  LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)	ATTORNEY DOCKET NO.: 14028.0284U2	SERIAL NO. 09/810,999
	APPLICANT: Neville et al.	
	FILING DATE: March 16, 2001	GROUP: 1644

U.S. PATENT DOCUMENTS							
EXAMINER INITIALS		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
5/22	B1	5,736,536	4/7/98	Siegall et al.			

FOREIGN PATENT DOCUMENTS							
	B2	WO 89/06968	08/10/89	Scannon et al.			
	B3	WO 99/53954	10/28/99	Neville et al.			
	B4	WO 00/40270	07/13/00	Knechtle et al.			
5/22	B5	WO 00/61132	10/19/00	Neville et al.			

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
5/22	B6	Contreras et al. Tolerability and side effects of anti-CD3-immunotoxin in preclinical testing in kidney and pancreatic islet transplant recipients. <i>Transplantation</i> 68(2):215-219 (1999)
	B7	Eckhoff et al. ASTS 25 <sup>th</sup> Annual Meeting 1999. Synergy of 15-Deoxyspergualin With Anti-CD3 Immunotoxin in Tolerance Induction in Rhesus Monkeys. <i>Transplantation</i> 67(9):60 (1999)
	B8	Faustman, D. Strategies for circumventing transplant rejection: modification of cells, tissues and organs. <i>Trends in Biotechnology</i> 13(3):100-105 (1995)
	B9	Frankel, A.E. Antibody-toxin hybrids: a clinical review of their use. <i>J. of Biological Response</i> 4(5):437-446 (1985)
	B10	Haggerty et al. Effect of Deoxyspergualin or CTLA4Ig on the Immunogenicity and Pharmacokinetics of the Immunotoxin BR96sFv-PE40 in Dogs. <i>Journal of Allergy and Clinical Immunology</i> 99(1):708 (January 1997)
	B11	Kieke et al. Isolation of anti-T cell receptor scFv mutants by yeast surface display. <i>Protein Engineering</i> 10(11):1303-1310 (1997)
5/22	B12	Ma et al. Genetic Construction and Characterization of an Anti-Monkey CD3 Single-Chain Immunotoxin with a Truncated Diphtheria Toxin. <i>Bioconj. Chem.</i> 8:695-701 (1997)



RECEIVED

MAR 12 2002

ATTORNEY DOCKET NO. 14028.0284U2

SERIAL NO. 09/810,999

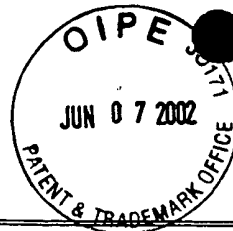
Page 2 of 1

TECH CENTER 1600/2900

<i>SSZ</i>	B13	Pankewycz et al. Interleukin-2-Diphtheria Toxin Fusion Protein Prolongs Murine Islet Cell Engraftment. <i>Transplantation</i> 47(2):318-322 (1989)
	B14	Siegall et al. Prevention of immunotoxin-mediated vascular leak syndrome in rats with retention of antitumor activity. <i>Proc. Natl. Acad. Sci. USA</i> 91:9514-9518 (1994)
	B15	Thomas et al. Reversal of naturally occurring diabetes in primates by unmodified islet xenografts without chronic immunosuppression. <i>Transplantation</i> 67(6):846-854 (1999)
	B16	Thomas et al. Peritransplant Tolerance Induction in Macaques: Early Events Reflecting the Unique Synergy Between Immunotoxin and Deoxyspergualin. <i>Transplantation</i> 68(11):1660-1673 (1999)
<i>SSZ</i>	B17	Vallera et al. Anti-Graft-Versus-Host Disease Effect of DT <sub>390</sub> -Anti-CD3sFv, a Single-Chain Fv Fusion Immunotoxin Specifically Targeting the CD3ε Moiety of the T-Cell Receptor. <i>Blood</i> 88(6):2342-2353 (1996)
EXAMINER: <i>Enbdt</i>		DATE CONSIDERED: <i>5/5/03</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

COPY OF PAPERS  
ORIGINALLY FILED

COPY OF PAPERS  
ORIGINALLY FILED



ATTORNEY DOCKET NO. 14028.0284U2  
SERIAL NO. 09/810,999  
Page 1 of 2

Form PTO-1449  
U.S. DEPARTMENT OF COMMERCE (Rev. 7-80)  
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.: 14028.0284U2

SERIAL NO. 09/810,999

APPLICANT: Neville et al.

LIST OF PRIOR ART CITED BY APPLICANT  
(Use several sheets if necessary)

FILING DATE: March 16, 2001

GROUP: 1644

U.S. PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JS</i>	C1	6,103,235	08/2000	Neville et al.			

RECEIVED  
JUN 12 2002  
TECH CENTER 1600/2900

FOREIGN PATENT DOCUMENTS


OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	C2	Skolnick et al. From genes to protein structure and function: novel applications of computational approaches in the genomic era. <i>Trends in Biotechnology</i> 18(1):34-39 (2000)
	C3	Mikayama et al. Molecular cloning and functional expression of a cDNA encoding glycosylation-inhibiting factor. <i>Proc. Natl. Acad. Sci. USA</i> 90:10056-10060 (1993)
	C4	Ngo et al. <i>The Protein Folding Problem and Tertiary Structure Prediction</i> , Merz and LeGrand (eds.), Birkhauser, Boston, MA, pp. 443 and 492-495 (1994)
	C5	Scorer et al. The intracellular production and secretion of HIV-1 envelope protein in the methylotrophic yeast <i>Pichia pastoris</i> . <i>Gene</i> 136:111-119 (1993)
	C6	Martins et al. The cDNA encoding canine dihydrolipoamide dehydrogenase contains multiple termination signals. <i>Gene</i> 161:253-257 (1995)
	C7	Kaczoreck et al. Nucleotide Sequence and Expression of the Diphtheria tox228 Gene in <i>Escherichia coli</i> . <i>Science</i> 221:855-858 (1983)
<i>JS</i>	C8	Bierhuizen et al. Expression cloning of a cDNA encoding UDP-G1cNAc:Ga1 $\beta$ 1-3-Ga1N Ac-R (G1cNAc to Ga1Nac) $\beta$ 1-6G1cNAc transferase by gene transfer into CHO cells expressing polyoma large tumor antigen. <i>Proc. Natl. Acad. Sci. USA</i> 89:9326-9330 (1992)

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.